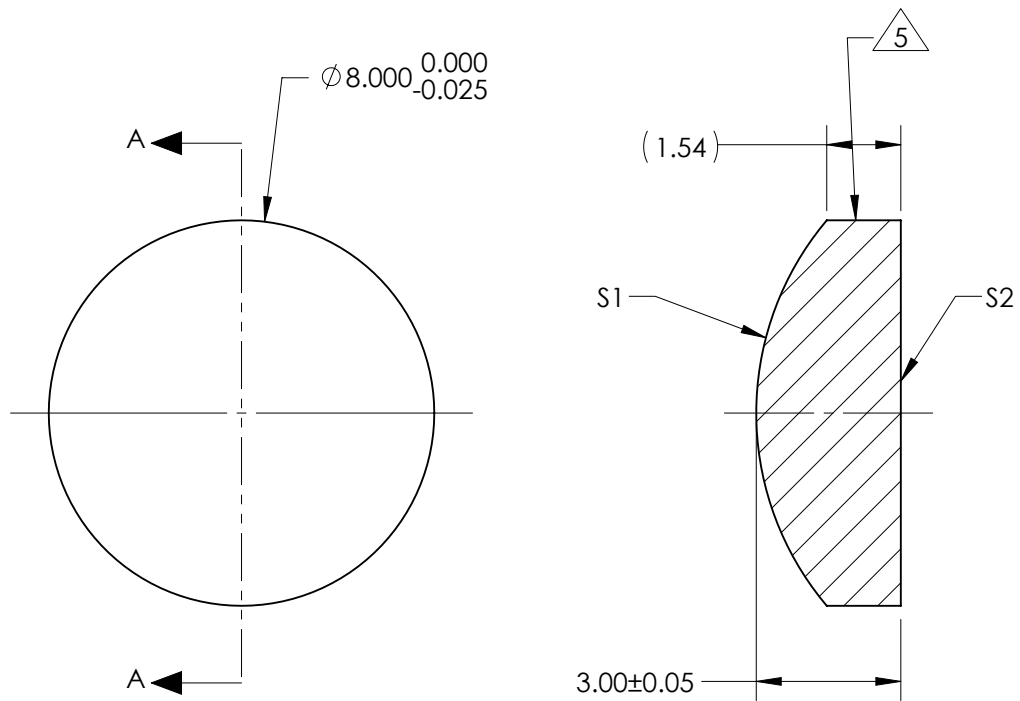


NOTES:

1. SUBSTRATE:  
N-BK7 517/642
  2. ROHS COMPLIANT
  3. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
  4. COATING (APPLY ACROSS COATING APERTURE)  
  
S1 & S2:  
¼ WAVE MgF2 @ 550nm  
R(AVG) < 1.75% FROM 400 - 700nm (N - BK7)
- △ FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
  7. FOCAL LENGTH (EFL): 12.00mm±1%  
BACK FOCAL LENGTH (BFL): 10.00mm
  8. PROTECTIVE BEVEL AS NEEDED
  9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

***FOR INFORMATION ONLY:***  
**DO NOT MANUFACTURE**  
**PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	6.20	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	$\phi 7.20$	$\phi 7.20$
MIN COATING APERTURE	$\phi 7.00$	$\phi 7.00$
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS

THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

**Edmund Optics®**

TITLE	8mm Dia x 12mm FL, MgF2 Coated, Plano-Convex Lens	
DWG NO	71328	SHEET 1 OF 1